



## WordPress i Docker container på Raspberry Pi Model 2

Dokumentet beskriver de olika filerna som skapar image. Körs med kommandot: **docker build -rm -t dittnamn/wordpress .**, Enter.

Baserad på: <https://github.com/jbfink/docker-wordpress>.

Abstract: This document shortly describe files that make the image. Run the command: **docker build -rm -t dittnamn/wordpress .**, Enter.

Based on: <https://github.com/jbfink/docker-wordpress>.

### Dockerfile:

```
FROM resin/rpi-raspbian:jessie

MAINTAINER Mats Johannesson
<mats.johannesson@linuxkurser.nu>

RUN apt-get update && apt-get -y upgrade

RUN DEBIAN_FRONTEND=noninteractive apt-get -y install
apt-utils mysql-client mysql-server apache2
libapache2-mod-php5 pwgen python-setuptools php5-
mysql php5-ldap nano

RUN easy_install supervisor

ADD ./scripts/start.sh /start.sh

ADD ./scripts/foreground.sh
/etc/apache2/foreground.sh

ADD ./configs/supervisord.conf /etc/supervisord.conf

ADD ./configs/000-default.conf /etc/apache2/sites-
available/000-default.conf

RUN rm -rf /var/www/
```



```
ADD https://wordpress.org/latest.tar.gz
/wordpress.tar.gz

RUN tar xvzf /wordpress.tar.gz

RUN mv /wordpress /var/www/

RUN chown -R www-data:www-data /var/www/

RUN chmod 755 /start.sh

RUN chmod 755 /etc/apache2/foreground.sh

RUN mkdir /var/log/supervisor/

EXPOSE 80

CMD ["/bin/bash", "/start.sh"]
```

#### **wordpress/scripts/foreground.sh**

```
#!/bin/bash

read pid cmd state ppid pgrp session tty_nr tpgid
rest < /proc/self/stat

trap "kill -TERM -$pgrp; exit" EXIT TERM KILL SIGKILL
SIGTERM SIGQUIT

source /etc/apache2/envvars

apache2 -D FOREGROUND
```

#### **wordpress/scripts/start.sh**

```
#!/bin/bash

if [ ! -f /var/www/wp-config.php ]; then
/usr/bin/mysqld_safe &

sleep 10s

# Generering av password

WORDPRESS_DB="wordpress"

MYSQL_PASSWORD=`pwgen -c -n -1 12`
```



```
WORDPRESS_PASSWORD=`pwgen -c -n -1 12`  
  
# Visa i logg  
  
echo mysql root password: $MYSQL_PASSWORD  
  
echo wordpress password: $WORDPRESS_PASSWORD  
  
echo $MYSQL_PASSWORD > /mysql-root-pw.txt  
  
echo $WORDPRESS_PASSWORD > /wordpress-db-pw.txt  
  
sed -e "s/database_name_here/$WORDPRESS_DB/  
s/username_here/$WORDPRESS_DB/  
s/password_here/$WORDPRESS_PASSWORD/  
  
/'AUTH_KEY'/s/put your unique phrase here/`pwgen -c -  
n -1 65`/  
  
/'SECURE_AUTH_KEY'/s/put your unique phrase  
here/`pwgen -c -n 65`/  
  
/'NONCE_KEY'/s/put your unique phrase here/`pwgen -c  
-n -1 65`/  
  
/'AUTH_SALT'/s/put your unique phrase here/`pwgen -c  
-n -1 65`/  
  
/'SECURE_AUTH_SALT'/s/put your unique phrase  
here/`pwgen -c -n -1 65`/  
  
/'LOGGED_IN_SALT'/s/put your unique phrase  
here/`pwgen -c -n -1 65`/  
  
/'NONCE_SALT'/s/put your unique phrase here/`pwgen -c  
-n -1 65`/" /var/www/wp-config-sample.php >  
/var/www/wp-config.php  
  
  
mv /etc/php5/apache2/php.ini  
/etc/php5/apache2/php.ini.orig
```



```
sed "s/upload_max_filesize = 2M/upload_max_filesize =
20M/" /etc/php5/apache2/php.ini.orig >
/etc/php5/apache2/php.ini
```

```
chown www-data:www-data /var/www/wp-config.php
```

```
mysqladmin -u root password $MYSQL_PASSWORD
```

```
mysql -uroot -p$MYSQL_PASSWORD -e "CREATE DATABASE
wordpress; GRANT ALL PRIVILEGES ON wordpress.* TO
'wordpress'@'localhost' IDENTIFIED BY
'$WORDPRESS_PASSWORD'; FLUSH
```

```
killall mysqld
```

```
sleep 10s
```

```
fi
```

```
supervisord -n
```

```
wordpress/configs/supervisord.conf
```

```
[unix_http_server]
```

```
file=/tmp/supervisor.sock
```

```
[supervisord]
```

```
logfile=/tmp/supervisord.log
```

```
logfile_maxbytes=50MB
```

```
logfile_backups=10
```

```
loglevel=info
```

```
pidfile=/tmp/supervisord.pid
```

```
nodaemon=false
```



```
minfds=1024
```

```
minprocs=200
```

```
[rpcinterface:supervisor]
```

```
supervisor.rpcinterface_factory =  
supervisor.rpcinterface:make_main_rpcinterface
```

```
[supervisorctl]
```

```
serverurl=unix:///tmp/supervisor.sock
```

```
wordpress/configs/000-default.conf
```

```
<VirtualHost *:80>
```

```
    ServerAdmin webmaster@localhost
```

```
    DocumentRoot /var/www
```

```
    ErrorLog ${APACHE_LOG_DIR}/error.log
```

```
    CustomLog ${APACHE_LOG_DIR}/access.log  
    combined
```

```
</VirtualHost>
```